

IMPLANT MATERIAL AND ITS MANUFACTURE

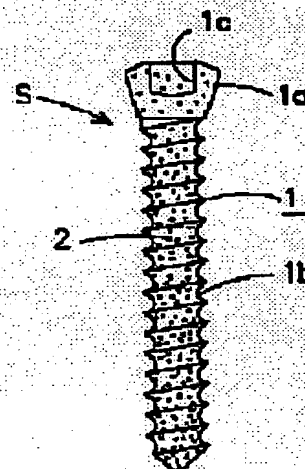
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Abstract of JP9173435

PROBLEM TO BE SOLVED: To obtain an implant material which can be firmly connected to a living being bone, has no possibility of causing loosening and migration over a long period of time, and can be radiographed.

SOLUTION: Bioceramics powder 2 which has biological affinity and bioactivity is embedded in the surface layer part of a main body 1 formed by bioinactive and in-vivo dissolving and absorptive thermoplastic high molecular material, and exposed to the surface to form an implant material. The main body 1 is heated to soften the surface layer part, and the bioceramics powder 2 is sprayed to the surface of the main body to be embedded into the surface layer part to manufacture the implant material.



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